

Index

	PAGE
Address of President (Professor R.D.Davies) on the presentation of the Gold Medal to Professor Martin Rees on Friday 1987 March 13	185
Address of the President (Professor R.D.Davies) on the presentation of the Hannah Jackson (née Gwilt) Medal to David Malin on Friday 1987 May 8	429
Address of the President (Professor D.Lynden-Bell) on the presentation of the Gold Medal to Professor A.Dalgarno on Friday 1986 November 14	83
Address of the President (Professor D.Lynden-Bell) on the presentation of the Herschel Medal to Professor R.Wilson on Friday 1986 October 10	85
Age of observable universe (The), <i>W.A.Fowler</i>	87
Amateur's small transit instrument of the Nineteenth Century (The), <i>Carole Stott and David W.Hughes</i>	30
Ancient stellar anomalies, <i>Keith P.Hertzog</i>	27
<i>Aspden, H.</i> , Earthquake-related E.M. disturbances	535
Astronomy in London: 1860-1900, <i>Mari E.W.Williams</i>	10
<i>Barrow, John D. and Bhavsar, Suketu P.</i> , Filaments: what the astronomer's eye tells the astronomer's brain	109
<i>Beech, M.</i> , On the trail of meteor trains	445
<i>Benn, C.R. and Martin, R.</i> , Isaac Newton Telescope observations 1984-1986	481
Department of Physics, University of Durham	65
Earthquake-related E.M. disturbances, <i>H.Aspden</i>	535
Emergence of radio astronomy in the U.K. after World War II (The), <i>Sir Bernard Lovell</i>	I
Filaments: what the astronomer's eye tells the astronomer's brain, <i>John D.Barrow and Suketu P.Bhavsar</i>	109
Four Korean 'Guest Stars' observed in AD 1592, <i>F.R.Stephenson and K.K.C.Yau</i>	431
<i>Fowler, W.A.</i> , Age of the observable universe	87
<i>Gingerich, O.</i> , Invisible planet Rahu (The)	538
<i>Griffin, R.F.</i> , Isaac Newton Telescope and its Coudé spectrograph (The)	175
Helium diffusion in stars and the value of the cosmological constant, <i>P. Noerdlinger</i>	355
<i>Henshaw, C.</i> , Independent discovery of supernova 1987A in the Large Magellanic Cloud, from Zimbabwe (The)	533
<i>Hertzog, Keith P.</i> , Ancient stellar anomalies	27
Independent discovery of supernova 1987A in the Large Magellanic Cloud, from Zimbabwe, <i>C.Henshaw</i>	533
Invisible planet Rahu (The), <i>O. Gingerich</i>	538
Isaac Newton Telescope and its Coudé spectrograph (The), <i>R.F.Griffin</i>	175
Isaac Newton Telescope observations 1984-1986, <i>C.R.Benn and R.Martin</i>	481
<i>Kiang, T.</i> , Normalized units	456
<i>Kochhar, R.K.</i> , Uranus and the invisible planets	538
<i>Lovell, Sir Bernard</i> , Emergence of radio astronomy in the U.K. after World War II (The)	I
<i>Lynden-Bell, D.</i> , Light, gravity and galaxy streaming	187
<i>Martelli, G. and Rothwell, P.</i> , Reply to letter by Dr H. Aspden	537
<i>Murray, C.A.</i> , Optical astronomy in the UK	357

Index

	PAGE
Address of President (Professor R.D.Davies) on the presentation of the Gold Medal to Professor Martin Rees on Friday 1987 March 13	185
Address of the President (Professor R.D.Davies) on the presentation of the Hannah Jackson (née Gwilt) Medal to David Malin on Friday 1987 May 8	429
Address of the President (Professor D.Lynden-Bell) on the presentation of the Gold Medal to Professor A.Dalgarno on Friday 1986 November 14	83
Address of the President (Professor D.Lynden-Bell) on the presentation of the Herschel Medal to Professor R.Wilson on Friday 1986 October 10	85
Age of observable universe (The), <i>W.A.Fowler</i>	87
Amateur's small transit instrument of the Nineteenth Century (The), <i>Carole Stott and David W.Hughes</i>	30
Ancient stellar anomalies, <i>Keith P.Hertzog</i>	27
<i>Aspden, H.</i> , Earthquake-related E.M. disturbances	535
Astronomy in London: 1860-1900, <i>Mari E.W.Williams</i>	10
<i>Barrow, John D. and Bhavsar, Suketu P.</i> , Filaments: what the astronomer's eye tells the astronomer's brain	109
<i>Beech, M.</i> , On the trail of meteor trains	445
<i>Benn, C.R. and Martin, R.</i> , Isaac Newton Telescope observations 1984-1986	481
Department of Physics, University of Durham	65
Earthquake-related E.M. disturbances, <i>H.Aspden</i>	535
Emergence of radio astronomy in the U.K. after World War II (The), <i>Sir Bernard Lovell</i>	I
Filaments: what the astronomer's eye tells the astronomer's brain, <i>John D.Barrow and Suketu P.Bhavsar</i>	109
Four Korean 'Guest Stars' observed in AD 1592, <i>F.R.Stephenson and K.K.C.Yau</i>	431
<i>Fowler, W.A.</i> , Age of the observable universe	87
<i>Gingerich, O.</i> , Invisible planet Rahu (The)	538
<i>Griffin, R.F.</i> , Isaac Newton Telescope and its Coudé spectrograph (The)	175
Helium diffusion in stars and the value of the cosmological constant, <i>P. Noerdlinger</i>	355
<i>Henshaw, C.</i> , Independent discovery of supernova 1987A in the Large Magellanic Cloud, from Zimbabwe (The)	533
<i>Hertzog, Keith P.</i> , Ancient stellar anomalies	27
Independent discovery of supernova 1987A in the Large Magellanic Cloud, from Zimbabwe, <i>C.Henshaw</i>	533
Invisible planet Rahu (The), <i>O. Gingerich</i>	538
Isaac Newton Telescope and its Coudé spectrograph (The), <i>R.F.Griffin</i>	175
Isaac Newton Telescope observations 1984-1986, <i>C.R.Benn and R.Martin</i>	481
<i>Kiang, T.</i> , Normalized units	456
<i>Kochhar, R.K.</i> , Uranus and the invisible planets	538
<i>Lovell, Sir Bernard</i> , Emergence of radio astronomy in the U.K. after World War II (The)	I
<i>Lynden-Bell, D.</i> , Light, gravity and galaxy streaming	187
<i>Martelli, G. and Rothwell, P.</i> , Reply to letter by Dr H. Aspden	537
<i>Murray, C.A.</i> , Optical astronomy in the UK	357

Nandy Symposium

PAGE

<i>Bailey, M.E.</i> , Giant grains around protostars	242
<i>Bromage, G.E.</i> , Continuing story of the diffuse interstellar bands (The)	301
<i>Burton, M.</i> , IC 443: the interaction of a supernova remnant with a molecular cloud	273
<i>Carnochan, D.J.</i> , Interstellar 2200 Å feature (The)	289
<i>Clayton, C.A.</i> , Echelle observations of interstellar bubbles	345
Continuing story of the diffuse interstellar bands (The), <i>G.E.Bromage</i>	301
Distribution of molecular gas in the galaxy (The), <i>M. Parkinson, K.M. Richardson and A.W.Wolfendale</i>	281
Echelle observations of interstellar bubbles, <i>C.A.Clayton</i>	345
Embedded young stellar objects in W75N: interactions with the ambient molecular cloud, <i>T.J.T.Moore</i>	267
Extinction in external galaxies, <i>G.I.Thompson</i>	333
Extreme hydrogen deficient stars, <i>P.W.Hill</i>	225
Giant grains around protostars, <i>M.E.Bailey</i>	242
<i>Greenberg, J.M. and Chlewicki, G.</i> , Variations in ultraviolet extinction: effect of polarization revisited	321
<i>Guthrie B.N.G.</i> , Interstellar extinction in the Pleiades	295
<i>Hill, P.W.</i> , Extreme hydrogen deficient stars	225
Hot carbon stars: more about V348 Sgr, <i>L.Houziaux, P.Bouchet, A.Heck and J.Manfroid</i>	231
Hot stars in young globular clusters of the Magellanic Clouds, <i>E.Kontizas and M.Kontizas</i>	239
<i>Houziaux, L., Bouchet, P., Heck, A. and Manfroid, J.</i> Hot carbon stars: more about V348 Sgr	231
<i>Hucht, van der, K.A., Williams, P. and Thé, P.S.</i> , On the output of energy, gas and dust by Wolf-Rayet stellar winds	255
<i>Hucht, van der, K.A., Williams, P. and Thé, P.S.</i> , Variable dust emission from Wolf-Rayet stars	249
IC 443: the interaction of the supernova remnant with a molecular cloud, <i>M.Burton</i>	273
Infrared spectroscopy of interstellar dust, <i>D.C.B.Whittet</i>	311
Interstellar extinction in the Pleiades, <i>B.N.G.Guthrie</i>	295
Interstellar 2200 Å feature (The), <i>D.J.Carnochan</i>	289
<i>Kontizas, E. and Kontizas, M.</i> , Hot stars in young globular clusters of the Magellanic Clouds	239
Magnetic fields and the optical polarization of star formation regions, <i>R.F.Warren-Smith</i>	305
Magnetic fields in spiral galaxies, <i>R.D.Wolstencroft</i>	209
<i>Moore, T.J.T.</i> , Embedded young stellar objects in W75N: interactions with the ambient molecular cloud	267
Nandy symposium on the interstellar medium and hot stars (The), <i>R.D.Wolstencroft</i>	207
Nebular spectrum of CPD-56° 8032 and He 2-113, <i>N.K.Rao</i>	263
On the output of energy, gas and dust by Wolf-Rayet stellar winds, <i>K.A.van der Hucht, P.M.Williams and P.S.Thé</i>	255
<i>Parkinson, M., Richardson, K.M. and Wolfendale, A.W.</i> , Distribution of molecular gas in the galaxy (The)	281
<i>Rao, N.K.</i> , Nebular spectrum of CPD-56° 8032 and He 2-113	263
<i>Thompson, G.I.</i> , Extinction in external galaxies	333
Variable dust emission from Wolf-Rayet stars, <i>K.A.van der Hucht, P.M. Williams and P.S. Thé</i>	249
Variations in ultraviolet extinction: effect of polarization revisited, <i>J.M.Greenberg and G.Chlewicki</i>	321
<i>Warren-Smith, R.F.</i> , Magnetic fields and the optical polarization of star formation regions	305
<i>Whittet, D.C.B.</i> , Infrared spectroscopy of interstellar dust	311
<i>Willis, A.J.</i> , Wolf-Rayet stars: current status and major questions	217
Wolf-Rayet stars: current status and major questions, <i>A.J.Willis</i>	217

	PAGE
<i>Wolstencroft, R.D.</i> , Magnetic fields in spiral galaxies	209
<i>Wolstencroft R.D.</i> , Nandy symposium on the interstellar medium and hot stars (The)	207
<i>Noerdlinger, P.</i> , Helium diffusion in stars and the value of the cosmological constant	355
Normalized units, <i>T.Kiang</i>	456
Obituaries	
Alexander Thom	178
Bart Jan Bok	539
Demetrios Kotsakis	409
Frank N. Edmonds, Jr	81
G.A. Harding	177
Harold William Newton	542
John Eric Jackson	410
Professor Sir Richard Woolley, OBE, ScD, FRS	546
Reginald Lawson Waterfield	544
S.L. Piotrowski	411
On the trail of meteor trains, <i>M.Beech</i>	445
Optical astronomy in the UK, <i>C.A.Murray</i>	357
Origin and cosmogonic implications of seed magnetic fields (The), <i>M.J.Rees</i>	197
Presidential address of 1987 February 14: Light, gravity and galaxy streaming, <i>D.Lynden-Bell</i>	187
<i>Rees, M.J.</i> , Origin and cosmogonic implications of seed magnetic fields (The)	197
Reply to letter by Dr H. Aspden, <i>G.Martelli and P.Rothwell</i>	537
Reports of Meetings	
Annual General Meeting, 1987	403
Autumn MIST Meeting	472
Reconnection MIST Meeting, 1987	349
Report of the Council to the 167th Annual General Meeting	405
Report of the Honorary Auditors of the RAS for the year 1986	412
Spring MIST Meeting, 1987	43
Treasurer's Accounts for 1986	414
Reports from Observatories, University Departments and Research Establishments	
Anglo-Australian Observatory	54
Astronomy Centre, University of Sussex	161
Department of Astronomy, University of Glasgow	502
Department of Astrophysics, University of Oxford	399
Department of Atmospheric Physics and the Robert Hooke Institute, University of Oxford	129
Dominion Astrophysical Observatory, Victoria, British Columbia	510
Mullard Space Science Laboratory, University College London	365
Nuffield Radio Astronomy Laboratories, University of Manchester	377
Royal Aircraft Establishment, Farnborough	497
South African Astronomical Observatory	136
<i>Rishbeth, H. and Willis, B.M.</i> , UK allocations of <i>EISCAT</i> observing time	477
<i>Stott, Carole and Hughes, David W.</i> , Amateur's small transit instrument of the Nineteenth Century (The)	30
<i>Stephenson, F.R. and Yau, K.K.C.</i> , Four Korean 'Guest Stars' observed in AD 1592	431
UK allocations of <i>Eiscat</i> observing time, <i>H.Rishbeth and D.M.Willis</i>	477
Uranus and the invisible planets, <i>R.K.Kochhar</i>	538
Uranus in antiquity, <i>D.C.Wright</i>	79
<i>Williams, Mari E.W.</i> Astronomy in London: 1860-1900	10
<i>Wright, D.C.</i> Uranus in antiquity	79

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100